Avtron LPV700

Compact Portable Load Bank - 500 to 700 KW

Testing Your Emergency Standby Generator with a Load Bank Means Reliability When it Matters Most.

Key Features

- Portable for Load Testing at Multiple Sites
- Compact, Portable, Easy to Transport and Operate
- Extra Large Load Capacity - up to 700 KW
- Rugged Aluminized Steel Enclosure with Casters
- Convenient Operator Controls with Digital Metering and Data Logging Software Included

Superior Avtron quality combined with simple operation and maintenance will provide years of trouble free service.

Avtron's extensive line of Load Bank and Industrial Resistor Products are solid performers used throughout the world.

For total technical support or additional information, please contact Avtron at (216) 573-7600 or LBsales@Emerson.com.

Quality System Certified to ISO 9001

The Avtron Model LPV700 Load Bank is a portable, self-contained unit that simulates electrical loads.

The Avtron LPV700 Load Bank is ideal for routine load testing of standby diesel generating systems at remote sites or for factory production line testing of (UPS) Uninterruptible Power Supplies, turbines, or engine generator sets. This model provides resistive loading up to 700 KW at 240/480 Volts AC in a convenient and easy-to-use package.

This load bank features vertical air discharge and a narrow width to fit through standard doorways and freight elevators. This unit is simple to set up and operate by a single technician, saving valuable time in the field. An optional control power transformer is also available for sites where 120 VAC power is not readily available.

The LPV700 Load Bank features the standard in Digital Metering which includes the Avtron Advanced Digital Monitoring System (ADMS™). The ADMS meter provides faceplate digital display of Volts, Amps, Frequency, and KW. The Communicator EXT™ Data Logging Software allows Real Time Data Acquisition and trending of all meter parameters from your Laptop PC or PDA. An Infrared/USB interface cable is included for "Plug and Play" convenience.

This unit incorporates state-of-the-art design features, including a heavy gauge aluminized steel enclosure, continuously supported resistor elements on stainless steel rods, and an industrial blower.

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LPV 700 KW Portable Resistive Avtron Load Bank.

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Specifications subject to change without notice.

Construction

A rugged aluminized steel enclosure with hinged front doors for easy access and quick connections. Two fixed and two lockable swivel casters provide mobility. Forklift channels provided for simplified handling.

Control Power

The LPV700 Load Bank requires control power of 120 VAC, single phase, 60 Hz (control transformer optional).

Cooling

The resistive elements are air cooled by an integrally mounted 3 phase blower, switch selectable for external source or from source under test. No additional cooling period is required when load is removed.

Controls

The operator control panel includes a MASTER LOAD ON-OFF switch, load step ON-OFF industrial toggle switches, BLOWER ON-OFF push buttons with a BLOWER FAILURE light, and BLOWER and LOAD VOLTAGE selector switches.

Digital Metering

Avtron Advanced Digital Monitoring System (ADMS™) is provided for display of Volts, Amps, Frequency, and KW. ADMS™ also includes Communicator EXT™ Data Logging Software.

Safety Circuits

The LPV700 Load Bank features branch circuit fusing, wrong voltage protection, (dual voltage units only), motor overload protection, overtemperature protection, and cooling air loss protection.

Load Capacity Ratings: (3 phase, 60 Hz)

Available Load Step Resolution: 5 or 50 KW

Rated KW	240/480 VAC
500	✓
700	✓

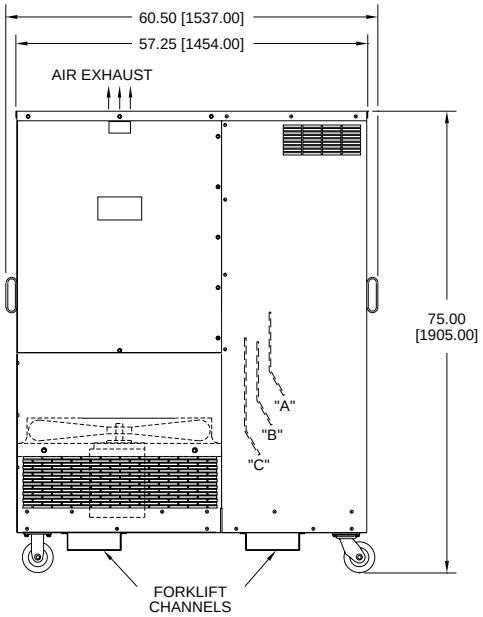
NOTE Designs for international 50/60 Hz voltages or custom DC designs are also available. Consult factory.

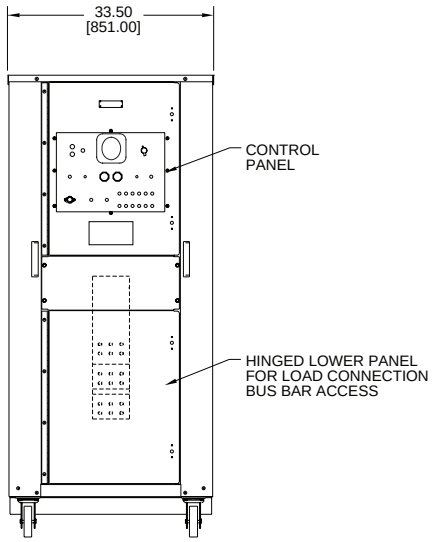
Load Bank Weight (approx.)

1150 lbs. [522 kg]

Options

- Control Power Transformer
- Vinyl Storage Dust Cover
- Quick Disconnect Receptacles





All dimensions are in inches [millimeters].

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